PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|--|--|---|---|------------------------------------|---|---|-----------------------|---|------------|--|--|
| UTILITY PATENT APPLICATION | | | | | | | 520,42854X00 | | | | |
| | | | | First Invent | or | OHKAWA, TAKEHIRO | | | | | |
| | | | | Title | | | | | | | |
| (Only for r | new nonprovision | er 37 CFR 1.53(b)) | ail Label No. | | | | | | | | |
| APPLICATION ELEMENTS | | | | | Assist | ant Com | missioner for Patents | 7 | | | |
| SEE MPEP chapter 600 concerning utility patent application contents. | | | | | ADDRESS TO: Box Patent Application Washington, DC 20231 | | | | | | |
| 1. Z 2. Z 3. Z | Applicant claims See 37 CFR 1.2 Specification (preferred arrangement set -Cross Reference -Statement Reg -Reference to su or a computer -Background of -Brief Summary | e of the invention ce to Related Applic larding Fed sponsor equence listing, a to program listing apport the Invention of the Invention | [Total Pages: 26] cations red R & D able, endix | | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies | | | | | | |
| 4. 🛛 | -Detailed Descr -Claim(s) -Abstract of the | Disclosure | (if filed) [Total Pages: 8] | | 10. 37 0 | gnment Papers FR 3.73(b) Sta en there is an a | tement | sheet & documents(s)) Power of Attorne | y . | | |
| 4. Drawing(s) (35 U.S.C. 113) [Total Pages: 8] 5. Oath or Declaration [Total Pages: 3] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. Application Data Sheet. See 37 CFR 1.76 | | | | | 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Citations Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Figs. 1-8, Credit Card Payment Form, List and Copies of Prior Art | | | | | | |
| or in an a | Application Date Continuation C | ta Sheet under 3 on Division Division Examiner: DIVISIONAL APPS | 7 CFR 1.76: onal Contin Group Art U i only: The entire discl | uation-in-part Unit: osure of the | (CIP) of prior a | application No. | : n oath o | d in a preliminary ame r declaration is supplied by incorporated by refer | d under | | |
| | • | | when a portion has bee | en inadverter | ntly omitted from to NCE ADDRESS | • | | • • | | | |
| ⊠ Cust | 020457 | | | | | | | | | | |
| Name | | ANTONELLI, | TERRY, STOUT & K | RAUS, LLP | | | | | | | |
| Address City | | | | State | | | Zip Code | | | | |
| Country | | | | Telephone | (703) 312-6600 | | Fax | (703) 312-6666 | | | |
| Name | Melyin K | | | | Registration No. (A | Attorney/Agent |) | 22,466 | | | |
| Signatur | e Mi | ia hu- | <u>1</u> | | | | Date | June 26, 2003 | | | |

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| FEE TRANSMITTAL | | Complete if Known | | | | | | | |
|---|--------------|--|--------------|-----------------|--|----------------------------|----------------|--|--|
| § FEE TRANSMITTAL | | Application Number | | | | | | | |
| # | | Filing Date | | | June 26, 20 | June 26, 2003 | | | |
| = ' | | First Named Inventor | | OHKAWA, | OHKAWA, TAKEHIRO | | | | |
| Effective 01/01/2003. Patent fees are subject to annual revisio | n. | Examiner Name | | | | | | | |
| <u></u> | f | Art I Init | | | | | | | |
| □ Applicant claims small entity status. See 37 CFR 1.27 | | Art Unit | | | | | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 790.00 | | Attorney Docket No. 520.42854X00 | | | | | | | |
| METHOD OF PAYMENT (check all that apply) | <u> </u> | FEE CALCULATION (continued) | | | | | | | |
| ☐ Check ☑ Credit Card ☐ Money Order ☐ Other ☐ None | 3. <i>A</i> | DDITIO | DNAL F | | | | | | |
| ☑ Deposit Account: | ı | Large Entity | | Small Entity | | | | | |
| | Fee | Fee | Fee | Fee | | | | | |
| Deposit Account Number 01-2135 | Code | (\$) | Code | (\$) | Fee Descri | ption | Fee Paid | | |
| Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP | 1051 | 130 | 2051 | 65 | Surcharge – late filir | ng fee or oath | | | |
| The Commissioner authorized to: (check all that apply) ☐ Charge fees indicated below ☐ Credit any overpayments | 1052 | 50 | 2052 | | Surcharge – late pro | visional filing fee | or | | |
| □ Charge any additional fee(s) during the pendency of this | 1053 | 130 | 1053 | | cover sheet Noo English specific | action | | | |
| application ☐ Charge fees indicated below, except for the filing fee | 1812 | | 1812 | | Non-English specific For filing a request f | | mination | | |
| to the above-identified deposit account. | 1804 | 920* | 1804 | | Requesting publicati | • | | | |
| FEE CALCULATION | 1 | | | | Examination action | | | | |
| 1. BASIC FILING FEE | 1805 | 1,840* | 1805 | | Requesting publicat Examiner action | ion of SIR after | | | |
| Large Entity Small Entity | 1251 | 110 | 2251 | | Extension for reply v | vithin first month | | | |
| Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) | 1252 | | 2252 | | Extension for reply v | | nth | | |
| Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 750.00 | 1253 | 930 | 2253 | | Extension for reply v | | | | |
| 1002 330 2002 165 Design filing fee | 1254 | 1,450 | 2254 | | Extension for reply v | | n | | |
| 1003 520 2003 260 Plant filing fee | 1255 | 1,970 | 2255 | | Extension for reply v | | | | |
| 1004 750 2004 375 Reissue filing fee | 1401 | 320 | 2401 | | Notice of Appeal | | | | |
| 1005 160 2005 80 Provisional filing fee | 1402 | 320 | 2402 | 160 l | Filing a brief in supp | ort of an appeal | | | |
| SURTOTAL (1) 750.00 | 1403 | 280 | 2403 | 140 l | Request for oral hea | iring | | | |
| SUBTOTAL (1) 150.00 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1451 | 1,510 | 1451 | 1,510 l | Petition to institute a | public use proce | eding | | |
| Fee from | 1452 | 110 | 2452 | 55 F | Petition to revive - u | tion to revive unavoidable | | | |
| Extra Claims below Fee Paid | 1453 | 1,300 | 2453 | 650 F | Petition to revive – u | inintentional | | | |
| Total Claims 20 -20** = 0 x 18 = 0 | 1501 | 1,300 | 2501 | | Utility issue fee (or re | eissue) | | | |
| Indep. 1 -3** = 0 x 84 = 0 | 1502 | | 2502 | | Design issue fee | | | | |
| Claims Multiple Dependent 280 = 0 | 1503 | 630 | 2503 | | Plant issue fee | | | | |
| Wildliple Dependent 280 = 0 | 1406 1807 | 130 50 | 1460 1807 | | Petitions to the Com Processing fee unde | | | | |
| Large Entity Small Entity | 1806 | 180 | 1806 | | Submission of Inform | | | | |
| Fee Fee Fee Fee Fee Description Code (\$) Code (\$) | 8021 | 40 | 8021 | | Recording each pate | | | | |
| 1202 18 2202 9 Claims in excess of 20 | | | | | property (times num | | | | |
| 1201 84 2201 42 Independent claims in excess of 3 | 1809 | 750 | 2809 | | Filing a submission a (37 CFR § 1.129(a)) | | n | | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1810 | 750 | 2810 | | For each additional i | | | | |
| 1204 84 2204 42 ** Reissue independent claims | 1801 | 750 | 2801 | | Request for Continue | | RCE) | | |
| over original patent | 1802 | 900 | 1802 | | Request for expedite | | | | |
| 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent | Other | fee (spe | cify) | | of a design application | | | | |
| SUBTOTAL (2) \$ 0.00 | | | | | | | | | |
| **or number previously paid, if greater; For Reissues, see above. | *Red | duced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00 | | | | | (3) (\$) 40.00 | | |
| SUBMITTED BY | | | | | Complete (if a | pplicable) | | | |
| Name (Print/Type) Melvin Kraus | | ration No. ey/Agent | | | 22,466 | Telephone | 703-312-6600 | | |
| Signature MY MAUN | | | | | | Date | June 26, 2003 | | |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.